```
=> d hist full

        (FILE 'HOME' ENTERED AT 11:16:28 ON 05 JUL 2006)

    :   FILE 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
        AQUASCI, BIOENG, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB,
    .   CIN, CONFSCI, CROPB, CROPU, DDFB, DGENE, DISSABS, DRUGB, DRUGMONOG2,
        DRUGU, EMBAL, EMBASE, ESBIOBASE, FOMAD, ...' ENTERED AT 11:17:10 ON 05
        JUL 2006

        FILE 'REGISTRY' ENTERED AT 11:18:09 ON 05 JUL 2006
                    SET LINE 250
                    SET DETAIL OFF
                    E "POLYETHYLENE GLYCOL CHOLESTERYL ETHER"/CN 25
                    SET NOTICE 1000 SEARCH
L1              1 SEA ABB=ON  PLU=ON  "POLYETHYLENE GLYCOL CHOLESTERYL ETHER"/CN

                    SET NOTICE 1 DISPLAY
                    SET LINE LOGIN
                    SET DETAIL LOGIN
                    DIS L1 1 SQIDE
                    SET NOTICE LOGIN DISPLAY
                    SET NOTICE LOGIN SEARCH

        FILE 'BIOSIS, BIOTECHNO, CA, CAPLUS' ENTERED AT 11:19:36 ON 05 JUL 2006

        FILE 'REGISTRY' ENTERED AT 11:19:42 ON 05 JUL 2006
                    SET SMARTSELECT ON
L2                  SEL PLU=ON  L1 1- CHEM :        26 TERMS
                    SET SMARTSELECT OFF

        FILE 'BIOSIS, BIOTECHNO, CA, CAPLUS' ENTERED AT 11:19:43 ON 05 JUL 2006
L3           1429 SEA ABB=ON  PLU=ON  L2
L4            218 SEA ABB=ON  PLU=ON  L3 (S) (CHOLESTEROL OR LIPOPROTEIN)
L5              7 SEA ABB=ON  PLU=ON  L4 (S) (DETECT? OR QUANTIF? OR MEASUR? OR
                  LABEL?)
L6              3 DUP REM L5 (4 DUPLICATES REMOVED)
                  D L6 IBIB ABS 1-3
L7             11 SEA ABB=ON  PLU=ON  L4 AND DETECT?
L8              5 DUP REM L7 (6 DUPLICATES REMOVED)
                  D L8 IBIB ABS 1-5

        INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
        AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
        CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
        DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 11:27:40 ON 05 JUL 2006
                  SEA (POLYETHYLENE (5A) GLYCOL (5A) (CHOLESTEROL OR CHOLESTERYL)
                  ----------
                     8    FILE BIOENG
                    35    FILE BIOSIS
                     7    FILE BIOTECHABS
                     7    FILE BIOTECHDS
                    14    FILE BIOTECHNO
                    92    FILE CAPLUS
                     1    FILE DDFB
                    22    FILE DDFU
                     9    FILE DGENE
                     4    FILE DISSABS
                     1    FILE DRUGB
                    50    FILE DRUGU
                     2    FILE EMBAL
                    37    FILE EMBASE
                    20    FILE ESBIOBASE
                    42    FILE IFIPAT
```

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            4   FILE JICST-EPLUS
            6   FILE LIFESCI
           35   FILE MEDLINE
           21   FILE PASCAL
           40   FILE SCISEARCH
           32   FILE TOXCENTER
          274   FILE USPATFULL
           25   FILE USPAT2
           22   FILE WPIDS
            1   FILE WPIFV
           22   FILE WPINDEX
L9          QUE ABB=ON  PLU=ON  (POLYETHYLENE (5A) GLYCOL (5A) (CHOLESTEROL
            OR CHOLESTERYL) (5A) ETHER) OR (POLYETHOXYLATED (5A) CHOLESTER
            OL) OR (PEG (5A) CHOL)
            ---------
            SEA L9 AND (DETECT? OR MEASUR? OR QUANTIF? OR LABEL?)
            ---------
            1   FILE BIOENG
            7   FILE BIOSIS
            3   FILE BIOTECHABS
            3   FILE BIOTECHDS
            2   FILE BIOTECHNO
           15   FILE CAPLUS
            1   FILE DDFB
            5   FILE DDFU
            1   FILE DRUGB
           20   FILE DRUGU
           10   FILE EMBASE
            6   FILE ESBIOBASE
           23   FILE IFIPAT
            1   FILE LIFESCI
            7   FILE MEDLINE
            2   FILE PASCAL
            9   FILE SCISEARCH
            5   FILE TOXCENTER
          235   FILE USPATFULL
           23   FILE USPAT2
            6   FILE WPIDS
            6   FILE WPINDEX
L10         QUE ABB=ON  PLU=ON  L9 AND (DETECT? OR MEASUR? OR QUANTIF? OR
            LABEL?)
            ---------
            D RANK


     FILE 'DRUGU, CAPLUS, EMBASE, SCISEARCH, BIOSIS, MEDLINE, ESBIOBASE,
     WPIDS, TOXCENTER, BIOTECHDS, BIOTECHNO, PASCAL, BIOENG, DDFB, DRUGB,
     LIFESCI' ENTERED AT 11:34:56 ON 05 JUL 2006
L11         96 SEA ABB=ON  PLU=ON  L10
L12         46 DUP REM L11 (50 DUPLICATES REMOVED)
            D L12 IBIB ABS 1-20
            SET NOTICE DISPLAY 1
            SET AUHELP OFF
            SET SMART OFF
            SET MSTEPS OFF
            SET EXPAND CONT
            SET AUDIT OFF
            DEL SEL Y


     FILE 'CAPLUS' ENTERED AT 11:43:18 ON 05 JUL 2006
L13          1 SEA ABB=ON  PLU=ON  JP 2003-154009/PN,APPS

     FILE 'INPADOC' ENTERED AT 11:43:20 ON 05 JUL 2006

     FILE 'CAPLUS' ENTERED AT 11:43:22 ON 05 JUL 2006
```

```
L14                TRA PLU=ON  L13 1- PN :       1 TERM

      FILE 'INPADOC' ENTERED AT 11:43:22 ON 05 JUL 2006
L15                TRA L13 PN RAN=(ALL)

      FILE 'INPADOC' ENTERED AT 11:43:23 ON 05 JUL 2006
L15         1 SEA ABB=ON   PLU=ON   L14
L16         0 SEA ABB=ON   PLU=ON   L15 AND US/PC
L17         0 SEA ABB=ON   PLU=ON   L15 AND ZA/PC
L18         0 SEA ABB=ON   PLU=ON   L15 AND EP/PC AND EN/LA
L19         0 SEA ABB=ON   PLU=ON   L15 AND WO/PC AND EN/LA
L20         0 SEA ABB=ON   PLU=ON   L15 AND AU/PC
L21         0 SEA ABB=ON   PLU=ON   L15 AND CA/PC AND EN/LA
            D SELECT
            SET AUHELP LOGIN
            SET SMART LOGIN
            SET MSTEPS LOGIN
            SET EXPAND LOGIN
            SET AUDIT LOGIN
            SET NOTICE LOGIN DISPLAY

      FILE 'DRUGU, CAPLUS, EMBASE, WPIDS, TOXCENTER, BIOTECHDS, DDFB' ENTERED
      AT 11:47:17 ON 05 JUL 2006
            D L12 IBIB ABS 21-46

      FILE 'INPADOC' ENTERED AT 11:47:28 ON 05 JUL 2006
```
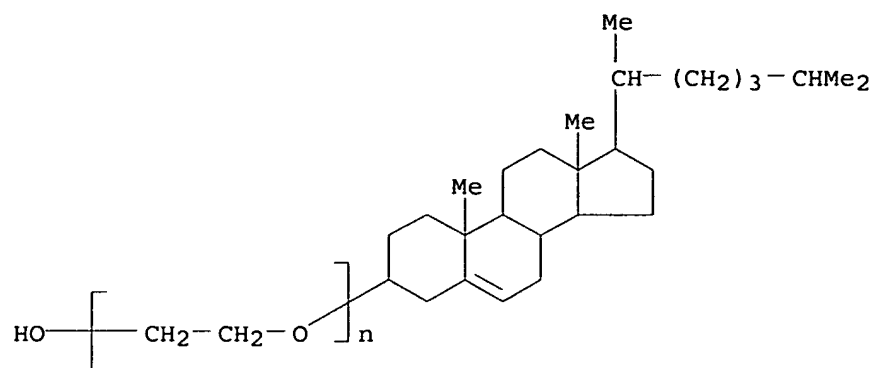
L1    ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2006 ACS on STN
RN    27321-96-6  REGISTRY
CN    Poly(oxy-1,2-ethanediyl), α-(3β)-cholest-5-en-3-yl-ω-
      hydroxy- (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    Cholestane, poly(oxy-1,2-ethanediyl) deriv.
CN    Cholesterol, monoether with polyethylene glycol (8CI)
CN    Glycols, polyethylene, monocholesteryl ether (8CI)
OTHER NAMES:
CN    Aqualose
CN    Bellpol C 24
CN    Cholesterol polyoxyethylene ether
CN    Choleth 10
CN    Choleth 24
CN    CS 10
CN    CS 20
CN    CS 30
CN    Emalex CS 10
CN    Emalex CS 20
CN    Emalex CS 30
CN    Emalex CS 5
CN    PEG-cholesterol
CN    Polyethoxylated cholesterol
CN    Polyethylene glycol cholesterol
CN    Polyethylene glycol cholesterol ether
CN    Polyethylene glycol cholesteryl ether
CN    Polyoxyethylene cholesteryl ether
CN    Polyoxyethylene monocholesteryl ether
DR    668436-96-2, 131175-15-0, 210357-25-8, 215815-16-0, 347360-30-9,
      463962-62-1
MF    (C2 H4 O)n C27 H46 O
CI    PMS, COM
PCT   Polyether
LC    STN Files:   BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CHEMLIST, CSCHEM,
         DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS,
         PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL
            (*File contains numerically searchable property data)
      Other Sources:   DSL**, TSCA**
            (**Enter CHEMLIST File for up-to-date regulatory information)
DT.CA CAplus document type:  Conference; Journal; Patent
RL.P  Roles from patents:  ANST (Analytical study); BIOL (Biological study);
      PRP (Properties); RACT (Reactant or reagent); USES (Uses)
RLD.P Roles for non-specific derivatives from patents:  ANST (Analytical
      study); BIOL (Biological study); PREP (Preparation); USES (Uses)
RL.NP Roles from non-patents:  BIOL (Biological study); MSC (Miscellaneous);
      OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties);
      RACT (Reactant or reagent); USES (Uses)
RLD.NP Roles for non-specific derivatives from non-patents:  ANST (Analytical
      study); BIOL (Biological study); PREP (Preparation); PRP (Properties);
      RACT (Reactant or reagent); USES (Uses)

Me
|
CH—(CH$_2$)$_3$—CHMe$_2$

Me

Me

HO—[—CH$_2$—CH$_2$—O—]$_n$

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

       203 REFERENCES IN FILE CA (1907 TO DATE)
        10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
       203 REFERENCES IN FILE CAPLUS (1907 TO DATE)

# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 187 | (polyethoxylated near3 cholesterol) or (polyethylene near3 glycol near3 (cholesterol or cholesteryl) near3 ether) or (polyoxyethylene near3 (cholesteryl or monocholesteryl)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 14:04 |
| L2 | 140 | peg near3 chol | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 11:42 |
| L3 | 60 | L2 same cholesterol | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 14:03 |
| L4 | 114 | L1 same cholesterol | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 13:15 |
| L5 | 114 | L1 same (cholesterol or lipoprotein or hdl or ldl) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 11:55 |
| L6 | 28 | "3260648" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 11:55 |
| L7 | 5 | L1 same (fluores$ or label$) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 12:51 |
| L8 | 18328 | cholesterol near6 (blood or serum) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 14:03 |
| L9 | 28 | L1 and L8 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 14:04 |

# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 38 | kobayashi near3 toshihide | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 11:27 |
| L2 | 528 | satoshi near sato | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 11:26 |
| L3 | 536 | satoshi near3 sato | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 11:26 |
| L4 | 5 | satoshi near3 sato and cholesterol | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 11:26 |
| L5 | 121 | yoshio near3 hamashima | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 11:34 |
| L6 | 4 | yoshio near3 hamashima and cholesterol | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 11:34 |